

TECHNICAL DATA SHEET

TDS: TMQ1115

TEAMAC 2 PACK MICACEOUS IRON OXIDE

515/Q115/1784

DESCRIPTION:

Teamac 2 Pack Micaceous Iron Oxide is a High Build Epoxy based anti-corrosive protective paint for steel. Can be overcoated or left as a finish.

RECOMMENDED USE:

Teamac 2 Pack Micaceous Iron Oxide may be used as an intermediate coat or a finish coat onto a suitable primer. It can be used as a build coat in conjunction with Teamac 2 Pack Zinc Phosphate Primer to give much greater anti-corrosive protection to steel work. Ideal for use in marine and agricultural applications as well as harsh coastal environments.

AVAILABILITY:

5 Kg Mixed unit

FINISH:

Eggshell

COLOUR:

Grey

TYPICAL S.G. (SPECIFIC GRAVITY):

1.65 g / litre

VOLUME SOLIDS:

44

WET FILM THICKNESS W.F.T

225 microns

DRY FILM THICKNESS D.F.T

100 microns

EXPECTED SPREADING RATE:

4.8 sq.m / litre
@ 100 microns D.F.T

The practical spreading rate may be lower as this depends on factors such as the porosity and roughness of the surface to be painted and material losses during application.

TYPICAL VISCOSITY:

N/A

FLASH POINT:

25 °C (closed cup)

CURE TIME: @ RECOMMENDED D.F.T

Initial cure: 30 mins @ 20 °C

Hard dry: 2 to 4 hours @ 20 °C

Full cure: 5 to 7 days @ 20 °C

Low temperature and high humidity will adversely affect application, curing and performance of any coating.

POTLIFE:

24 hours @ 20 °C

Pot Life - Once the parts are mixed together the material has to be used within the time stated.

MINIMUM OVERCOATING TIME:

Minimum 16 hours

APPLICATION SPECIAL CONDITIONS:

Do not apply below 10 deg C or at humidity levels above 80 - to 90%. Mix Well and allow to stand for 20 minutes before use.

VOC CONTENT:

460 g / litre

VOC's (Volatile Organic Compounds) contribute to atmospheric pollution

APPLICATION DETAILS:

Application Do not apply below 10 degree restrictions

Method: Airless Spray Brush (Small areas)

For further advice contact Teamac Technical Services on +44(0)1482 320194

The physical constants are subject to normal manufacturing tolerances.

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Thinner Do not thin Do not thin
(Max vol):

Nozzle size: .021" - .027"

Nozzle 1800 to 2300
pressure:

Cleaning Thinners 39
solvent:

Recoat Minimum 16 Maximum 72
interval: hours hours

contamination.

SUBSEQUENT COAT:

Suitable Topcoat or leave as a finish.

REMARKS:

Ensure mixing instructions are followed.

SURFACE PREPARATION:

All surfaces should be clean, dry, sound and free from contaminants. Existing painted surfaces should be cleaned, degreased and sanded to ensure an adequate "key" is produced. Remove all loose, flaking material and treat bare areas as new substrate then prepare accordingly.

MIXING INSTRUCTIONS:

By volume, mix 4 parts of the base with 1 part of the activator, as the ratio supplied. These should be thoroughly mixed together, preferably by slow speed electric mixer and allow to stand for 20 minutes before use. Ensuring the material is thoroughly mixed is very important - poorly mixed product can lead to soft spots and uncured coatings. Thinning is not normally required for airless spray systems. Use within 24 hours. Clean and flush equipment immediately after use to prevent the paint solidifying in guns, pots and lines.

APPLICATION CONDITIONS:

Should not be carried out when the ambient temperature is below 5 °C (Please note drying will be retarded below 10 °C but will stop below 5 °C) or the relative humidity is above 80 to 90%. As dictated by normal good painting practice. In confined spaces, provide adequate ventilation during application and drying.

PRECEDING COAT:

Can be applied over Teamac 2 pack zinc phosphate primer which are free from

HEALTH AND SAFETY:

See safety data sheet - Base - SDS 20778
Activator - SDS 20777

ISSUED:

09 January 2019

REVISION:

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The information given in this data sheet is based on experience and is accurate to the best of our knowledge. No guarantee should be implied, however, as the conditions of use are beyond our control. This data sheet does not constitute a specification. In case of doubt as to the suitability of the product please contact our Technical Service Department on 01482 320194.

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